

Another version of the amended claims is being attached hereto under the title
"VERSION WITH MARKINGS TO SHOW CHANGES MADE" to clearly show the
changes made to the claims.

Accordingly, reconsideration and allowance of claims 2-14 is hereby respectfully
requested. Applicants submit that the subject application is now in condition for allowance
and an early notice thereof is requested. Should any further amendment be required prior to
passing the application to issue, the Examiner is respectfully invited to contact the
undersigned by telephone at the number set out below.

Respectfully submitted,

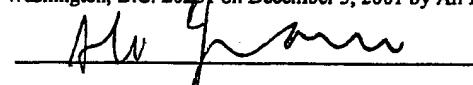
Dated: 12/3/01

LAW OFFICES OF IMAM
111 North Market Street, Suite 1010
San Jose, CA 95113
Tel: 408-271-8752

Fax: 408-271-8886



Maryam Imam
Reg. No. 38,190

I hereby certify that this correspondence with all attachments is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Box AF, Commissioner for Patents and Trademarks, Washington, D.C. 20231 on December 3, 2001 by Ali Imam.


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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims:

Claims 2-14 have been amended as follows:

- 1 2. (Once Amended) A nonvolatile storage system comprising:
 - 2 a controller capable of receiving commands from a host; and
 - 3 a nonvolatile memory storage coupled to said controller, said storage organized in blocks, with each block having [one] two or more sectors of data,
 - 4 wherein said controller, in response to receiving a command from said host to rewrite one or more, but not all, sectors of data that are stored in a particular block, [said controller] writes said data for said sectors to be rewritten to a new block without moving the data in the sectors in said particular block that the host did not specify to rewrite in the command [to be rewritten].
- 1 3. (Once Amended) A nonvolatile storage system comprising:
 - 2 a host for sending commands;
 - 3 a controller coupled to said host for receiving host commands; and
 - 4 nonvolatile storage coupled to said controller for storing sector information organized into blocks, each block having two or more sectors for storing sector information,
 - 5 wherein said controller receives a command from said host for writing updated one or more, but not all, sector information into a location within the nonvolatile storage defined by a particular block having [previous] previously-written sector information, other than that being updated by the host command, and wherein said controller writes said updated one or more sector information [to said] into a new block thereby avoiding moving all the [previous] previously-written sector information every time the host sends a command.
- 1 4. (Once Amended) A nonvolatile storage system as recited in claim 3 wherein the controller further receives additional commands from the host for further writing, one or more

3 times, sector information without moving the [previous] previously-written sector
4 information every time sector information is updated.

1 5. (Once Amended) A nonvolatile storage system as recited in claim 3 wherein the
2 [previous] previously-written sector information is moved from the particular block at a time
3 later than when the controller writes said updated one or more sector information to said new
4 block.

1 6. (Once Amendment) A nonvolatile storage system as recited in claim 5 wherein the
2 particular block is erased at a time later than when the [previous] previously-written sector
3 is moved from the particular block.

1 7. (Once Amended) A nonvolatile storage system comprising:

2 a host for sending commands;
3 a controller coupled to said host for receiving host commands; and
4 nonvolatile storage coupled to said controller for storing sector information
5 organized into blocks, each block having two or more sectors for storing sector
6 information,

7 wherein said controller receives a command from said host for writing updated one or
8 more, but not all, sector information into a location within the nonvolatile storage defined
9 by a particular block having [previous] previously-written sector information, other than
10 that being updated by the host command, and wherein said controller writes said updated
11 one or more sector information to [said] a new block thereby avoiding moving all the
12 [previous] previously-written sector information every time the host sends a write
13 command.

1 8. (Once Amended) A nonvolatile storage system as recited in claim 7 wherein the
2 controller further receives additional commands from the host for further writing, one or more

3 times, sector information without moving the [previous] previously-written sector information
4 every time sector information is updated.

1 9. A nonvolatile storage system as recited in claim 7 wherein the [previous] previously-
2 written sector information is moved from the particular block at a time later than when the
3 controller writes said updated one or more sector information to said new block.

1 10. A nonvolatile storage system as recited in claim 9 wherein the particular block is
2 erased at a time later than when the [previous] previously-written sector is moved from the
3 particular block.

1 11. A method of updating information in nonvolatile storage having a controller coupled
2 to a host and the nonvolatile storage comprising:

3 receiving a command from the host for updating one or more, but not all, sector
4 information into a location within the nonvolatile storage defined by a particular block having
5 [previous] previously-written sector information other than that being updated by the host
6 command;

7 selecting a new block within the nonvolatile storage; and

8 writing said updated one or more sector information to said new block without moving
9 the [previous] previously-written sector information.

1 12. A method of updating information as recited in claim 11 further including the step of
2 receiving further commands from the host for further updating, one or more times, sector
3 information wherein the [previous] previously-written sector information is not moved every
4 time sector information is updated.

1 13. A method of updating information as recited in claim 11 further including the step of
2 moving the [previous] previously-written sector information from the particular block at a
3 time later than said writing step [of claim 11].

1 14. A method of updating information as recited in claim 13 further including erasing the
2 particular block at a time later than said moving step [of claim 13].

Claim 15 has been added as follows:

1 15. A nonvolatile storage system comprising:
2 a controller capable of receiving commands from a host; and
3 a nonvolatile memory storage, coupled to said controller, said storage organized into
4 blocks, each block having two or more sectors for storing sector information,
5 wherein said controller, in response to receiving a first write command from the host to rewrite a
6 first sector information defined by one or more, but not all, sectors of information that are stored
7 in a particular block, writes said first sector information to a new block without moving sector
8 information previously-stored in the sectors of said particular block and not specified by the host
9 in the command to be rewritten, said controller, in response to receiving a second write command
10 from the host to rewrite a second sector information defined by sector information within the
11 particular block that is other than the particular sector information, rewrites the second sector
12 information into the particular block without moving the first sector information and thereby
13 preventing moving sector information every time a write command is received from the host.